

## Native Sheep Carbonic Anhydrase II (CA2)

**Cat. No.:** AP2F51

**Product Type:** Animal Proteins

**Size:** 10 µg; 100 µg; 1mg

### Product Overview

BioVenic's Native Sheep Carbonic Anhydrase II (CA2) is a native protein derived from Sheep.

### Specifications

Type	Native Protein
Species	Ovine
Purity	>90% (SDS-PAGE)
Predicted Molecular Weight	31 kDa
Molecular Weight	29 kDa
Physical State	Lyophilized
Formulation	PBS, pH 7.4, 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

### Target Information

Carbonic anhydrase 2 is encoded by the CA2 gene in sheep. Carbonic anhydrase is a widely distributed enzyme that plays a crucial role in the cells, tissues and organs of living organisms. It has been found to be one of the most abundant CA isoenzymes in the gastrointestinal system. It plays an important role in the secretion of gastric acid in the stomach.

Protein	Sheep Carbonic Anhydrase II (CA2)
Protein Synonym	carbonic anhydrase 2; CA2
Gene ID	<a href="#">101113341</a>
UniProt ID	<a href="#">P00922</a>

### Shipping and Storage

Store at 2-8°C for up to 1 months. The lyophilized form has a shelf life of up to 12 months at -80°C. This product is shipped with gel ice packs. Avoid repeated freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.